Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110522\
Data File : BG055478.D
Acq On : 5 Nov 2022 20:21
Operator : CG/JU
Sample : N5435-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PTS-SOIL-PILE-1103

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/07/2022
Supervised By :Jagrut Upadhyay 11/07/2022

Quant Time: Nov 07 00:59:08 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 07 00:51:08 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.229	152	36850	20.000	ng		0.00
21) Naphthalene-d8	11.055	136	148927	20.000	ng		0.00
39) Acenaphthene-d10	14.844	164	98659	20.000	ng		0.00
64) Phenanthrene-d10	17.576	188	208860	20.000	ng		0.00
76) Chrysene-d12	21.848	240	204456	20.000	ng		0.00
86) Perylene-d12	25.220	264	224708	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.761	112	179195	87.329	ng		0.01
7) Phenol-d6	7.382	99	233536	82.071	ng		0.00
23) Nitrobenzene-d5	9.404	82	139893	50.062	ng		0.00
42) 2,4,6-Tribromophenol	16.325	330	111972	83.205	ng		0.00
45) 2-Fluorobiphenyl	13.469	172	344304	51.742	ng		0.00
79) Terphenyl-d14	20.156	244	523492	49.788	ng		0.00
Target Compounds							Qvalue
71) Phenanthrene	17.623	178	163996	13.959	ng		99
72) Anthracene	17.712	178	33207	2.884	ng		99
75) Fluoranthene	19.615	202	417937	29.575	ng		99
78) Pyrene	19.974	202	393065	27.252	ng		100
81) Benzo(a)anthracene	21.830	228	229253	16.334	ng		99
83) Chrysene	21.901	228	227934	17.023	ng		97
84) Bis(2-ethylhexyl)phtha...	21.689	149	26267	3.005	ng	#	97
87) Indeno(1,2,3-cd)pyrene	29.098	276	175031	9.702	ng	#	87
88) Benzo(b)fluoranthene	24.145	252	333231	23.346	ng		98
89) Benzo(k)fluoranthene	24.210	252	113426m	7.908	ng		
90) Benzo(a)pyrene	25.062	252	227454	18.430	ng		98
91) Dibenzo(a,h)anthracene	29.122	278	48254	3.242	ng		96
92) Benzo(g,h,i)perylene	30.314	276	174882	11.813	ng		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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